



CONSTRUCTION EQUIPMENT

54685 WHEELABRATOR VOLVO L220H 3436 - HYDRAULIC SYSTEM



Sample No: VCP443837
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 54685 WHEELABRATOR



SAMPLE INFORMATION

Sample Number	VCP443837	---	---	---
Sample Date	12 Jun 2024	---	---	---
Machine Hours	4777	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

TYLER EQUIPMENT CORPORATION

1980 BERLIN TURNPIKE
 BERLIN, CT
 US 06037
 Contact: DONALD DEROSIER
 DDEROSIER@TYLEREQUIPMENT.COM
 T: (800)332-4473
 F: (203)758-3933



OIL CONDITION

Visc @ 40°C	cSt	█ 44.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.30	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 8024	---	---	---
Particles >6µm		● 2393	---	---	---
Particles >14µm		█ 134	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 116	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	█ 419	---	---	---
Phosphorus	ppm	█ 354	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: VOLVO0005
Unique No: 11084393
Signed: Wes Davis
Report Date: 18 Jun 2024

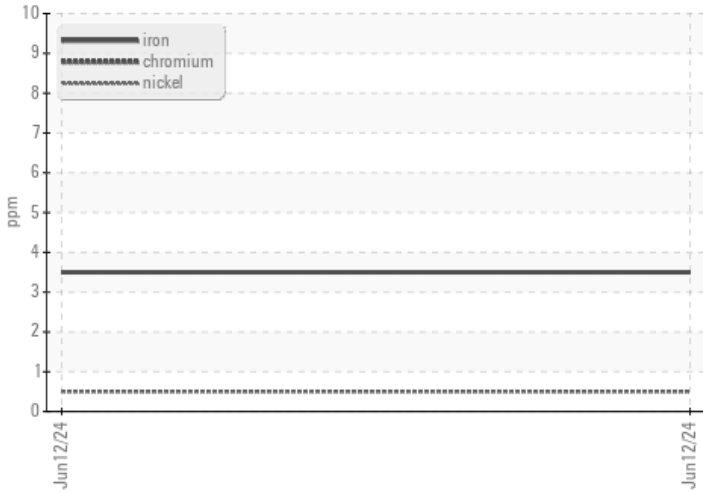


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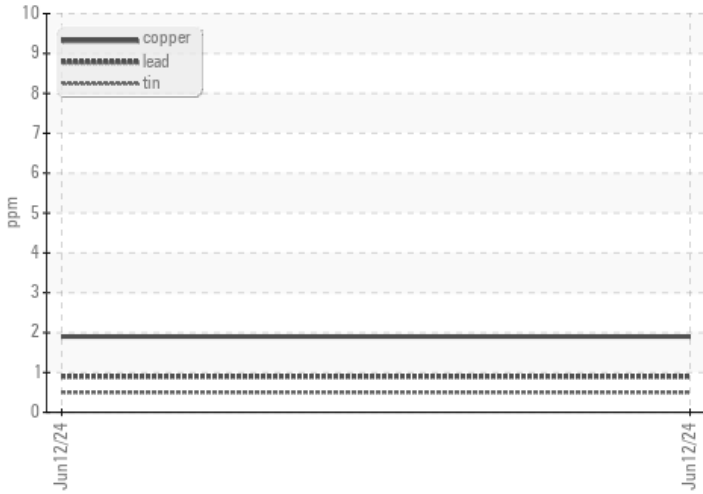


VOLVO GRAPHS

Ferrous Alloys



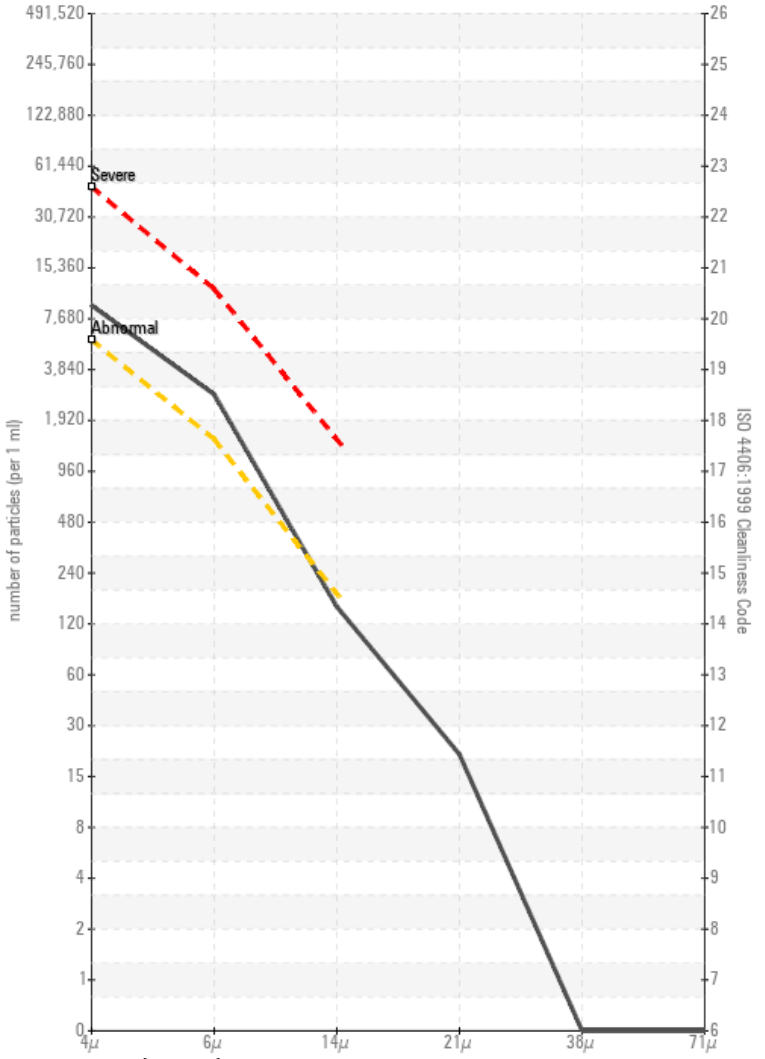
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

